



Cal OES

GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Situation Cell Incident Report

Pipeline P00547 Spill, Southern California

October 13, 2021 - 1000 hours

Report No. 22

Incident Summary

An oil pipeline release occurred approximately 10 miles southwest of Newport Beach, Orange County. A 4,000-foot section of the 17.7 mile-long pipeline was found to be displaced, with a 13-inch split.



Confidentiality Notice

This document is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, is closure, or distribution is prohibited without express written consent of Cal OES Executive Office.

Situation Cell Report

Pipeline P00547 Spill, Southern California Incident Report

Report Date: 10/13/2021

Report Time: 1000

Bottom Line Up Front

Unified Command continues its response to the coastal oil spill in Orange and San Diego Counties. The operational plan [through 10/15](#), includes maintaining booms in Orange County and San Diego County, continued assessment and shoreline clean-up, mobilization of offshore recovery if necessary, and continued vessel decontamination. Beginning [today](#), 10/13, the Cal OES Situation Cell Incident Report will be produced and distributed once daily at 1000 hours.

Incident Summary

An oil pipeline release occurred approximately 10 miles southwest of Newport Beach, Orange County. A 4,000-foot section of the 17.7 mile-long pipeline was found to be displaced, with a 13-inch split. The 13-inch split is believed to be the source. There are no active discharges of oil observed. Response to the spill impacting Orange and San Diego Counties continues. A Pipeline and Hazardous Materials Safety Administration Corrective Action Order is in place which includes requirements for repair, testing, integrity assessment, metallurgical analysis, root-cause analysis, and start-up. A separate investigation response has been established.

Unified Command for the incident consists of the US Coast Guard (USCG), California Department of Fish and Wildlife (CDFW) and their Office of Spill Prevention and Response (OSPR), Orange County, San Diego County, and Amplify Energy. Cal OES, California State Parks, California Environmental Protection Agency (Cal EPA), California Department of Public Health (CDPH), California Volunteers, State Lands Commission, and the California Highway Patrol (CHP) are cooperating in the response.

Response Summary

Estimated Minimum / Maximum Potential Release	24,696 / 131,628 gallons
Boom (Deployed / Total)	13,550 / 23,010 (+660) feet
Shoreline Assessed / Cleaned*	152.21 / 261 miles
Oil Recovered	5,544 gallons
Tar Balls Recovered	13.6 barrels
Oily Sand/Debris Recovered	410,500 pounds
Vessels Assigned to Clean Up	2 (+1)
Aircraft Assigned to Response	2 (-1)
Personnel Assigned to Response	1,645

*reflects repeat visits to beaches for additional assessment and clean-up

Wildlife Impacts Summary

Birds Captured* / Cleaned / Released	28 / 22 / 1
Birds Died in Captivity / Euthanized	2 / 4
Birds** / Fish / Mammals Found Deceased	45 / 11 / 1

*7 of the captured birds are federally threatened Snowy Plovers; they have been cleaned and 1 has been released.

**Only a subset of recovered deceased birds are visibly oiled. These birds will be assigned to the incident after examination, if appropriate.

Situation Cell Report

Pipeline P00547 Spill, Southern California Incident Report

Report Date: 10/13/2021

Report Time: 1000

Weather and Current Summary (National Weather Service)

Sunny today with a 0% chance of rain. Northwest winds and seas will begin to decrease this morning. Similar weather is forecast for Thursday. Much warmer temperatures with periods of weak Santa Ana winds increasingly likely Friday and Saturday.

Min / Max Temperatures: 51-55°F / 73-77°F


Winds: Light in the morning becoming West 10-15 mph with gusts to 20 mph after 1200 hours.

Surf: 2-4 feet

Tides at Newport Beach:

High: 5.02 ft, 1605 hours

Low: -0.06 ft, 2348 hours



National Weather Service
San Diego & Los Angeles, California

Weather Risk Outlook - Pipeline P00547 Incident
6:00 AM Wednesday October 13, 2021

County	Zone	Wed 10/13	Thu 10/14	Fri 10/15	Sat 10/16	Sun 10/17	Mon 10/18	Tue 10/19
Los Angeles	Beaches	Sunny W 5-15 mph High 70	Sunny W 5 mph High 69	Sunny W 5-10 mph High 78	Sunny W 5-10 mph High 76	Patchy dense fog WNW 5-10 mph High 70	Patchy dense fog WNW 5-15 mph High 67	Patchy fog WNW 5-10 mph High 68
	Marine	Sunny W 5-10 kt 1-3 FT	Sunny W 10 kt 1-3 FT	Sunny N 10 kt becoming W 1-2 FT	Sunny W 10 kt 1-2 FT	Patchy dense fog SW 10 kt 1-2 FT	Patchy dense fog W 10 kt 1-2 FT	Patchy fog SW 10 kt 1-2 FT
Orange	Beaches	Sunny W 5-15 mph High 70	Sunny W 5 mph High 69	Sunny W 5-10 mph High 78	Sunny W 5-10 mph High 76	Patchy dense fog WNW 5-10 mph High 70	Patchy dense fog WNW 5-15 mph High 67	Patchy fog WNW 5-10 mph High 68
	Marine	Sunny N becoming W 5-10 kt 3-4 FT	Sunny W 5-10 kt 2-3 FT	Sunny W 10 kt 2-3 FT	Sunny W 5-10 mph 2-3 FT	Patchy dense fog SW 10 kt 2 FT	Patchy dense fog SW 10 kt 2 FT	Patchy fog SW 10 kt 2 FT
San Diego	Beaches	Sunny W 5-15 mph High 70	Sunny W 5-10 mph High 69	Sunny W 5-10 mph High 78	Sunny W 5-10 mph High 76	Patchy dense fog WNW 5-10 mph High 70	Patchy dense fog WNW 5-15 mph High 67	Patchy fog WNW 5-10 mph High 68
	Marine	Sunny N becoming W 5-10 kt 3-4 FT	Sunny W 5-10 kt 2-3 FT	Sunny N 5-10 kt becoming W 1-2 FT	Sunny W 5-10 kt 1-2 FT	Patchy dense fog W 5-10 kt 2 FT	Patchy dense fog W 5-10 kt 2 FT	Patchy fog W 5-10 kt 2 FT

Tides - Newport Beach

Today	Thursday
High 5.0 ft at 4:05 pm	High 5.1 ft at 5:32 pm
Low 0.0 ft at 11:48 pm	Low -0.1 ft at 11:42 pm

Sunrise | 6:55 am
Sunset | 6:20 pm

Impact Threat Levels: None Minor Moderate High Extreme

Discussion
Fair and warmer weather, with Friday and Saturday the warmest days. Slight cooling will occur early next week. There is a risk of dense fog Sunday-Monday.

On Water Operations Summary

Incident Unified Command (UC)

- 2 dedicated surface overflights are scheduled for today, 10/13; one flight to assess shoreline, one flight to count (estimate) mammals and birds.
- Vessel impacts:
 - There are no cargo delays associated with potentially oiled cargo vessels.
 - A vessel is following all deep cargo vessels to berth to verify no sheens are released.
 - 192 small recreational vessels have been identified for oil removal.
 - 7 vessels have been cleaned to date; some parties have had their vessels cleaned on their own.
 - Decontamination of response vessels is scheduled to start today, 10/13, and is estimated to take 10-14 days.
- Response vessel Ocean Guardian will only deploy when an area of interest is identified.
- UC established an Investigations Section (led by USCG) to ensure coordination among all investigative entities involved.

California Department of Fish and Wildlife (CDFW)

- Response vessels are being decontaminated at the Port of Long Beach.
- 3 small boat decontamination sites have been designated.
 - City of Newport Beach Harbor (operating); Sunset Aquatic Shipyard (operating); Denison Yachting in Long Beach (projected opening later this week).

Land and Wildlife Impact Summary

Beach Closures (shoreline only)

- Laguna Beach

Situation Cell Report

Pipeline P00547 Spill, Southern California Incident Report

Report Date: 10/13/2021

Report Time: 1000

Incident UC

- 6 Shoreline Cleanup Assessment Technique (SCAT) teams and 4 task forces will assess Huntington Beach Pier, Crystal Cove State Beach, Camp Pendleton, Oceanside, Carlsbad, Encinitas, Del Mar, Silver Strand State Beach, and Imperial Beach today, 10/13.
- UC asked local governments to patrol their jurisdictions following storms and report tar balls or oily sand/debris quickly to help rapidly identify and respond to impacted locations.
- A temporary waste storage site is open at Los Angeles Harbor ship service yard.
- Protection strategies are deployed at:
 - Orange County - Bolsa Chica Restored Wetlands, Talbert Marsh, Anaheim Bay, Newport Slough Wetlands, Santa Ana River, and Aliso Creek
 - San Diego County - Santa Margarita River, Agua Hedionda Lagoon (Carlsbad Desalination Plant), Batiquitos Lagoon, San Elijo Lagoon, and San Dieguito Lagoon
- Boom is staged at Inner Bolsa Chica, Upper Newport Bay, and Dana Point Harbor.
- San Mateo Creek, San Onofre Creek, Las Flores Creek, San Juan Creek, Hidden Creek, Aliso Canyon Creek, French Canyon Creek, and Cocklebur Canyon Creek are protected by natural sand berms and do not require protection strategy.
- 333 calls/inquiries for various issues have been received to date by the Amplify Energy Community Assistance Helpline.
- Public Health:
 - A Public Health Assessment Unit (PHAU), comprised of local, state, and federal entities, is monitoring health related issues due to spill and beach re-opening assessments.
 - The emergency plans for water, sediment, and air sampling have been implemented.
 - The Center for Toxicology and Environmental Health is providing air surveillance and water sentiment sampling services.
 - Orange and San Diego County water and soil samples are being analyzed and shared with public health officials.
 - San Diego County has requested air quality monitoring be performed at potentially impacted areas.

California State Parks (Parks)

- Water quality tests will be conducted periodically to assess reopening status.
- Contract archaeologists representing local tribal liaisons conducted surveys on 10/12 at creeks and river mouths.
- Tar balls washed ashore following the storm on 10/12 at Doheny, San Clemente, and San Onofre State Beaches.
 - Approximately 12 tar balls (50-100 feet apart) were found at each park. SCAT Team cleaned the areas.
- Parks lifeguards (8) and Parks peace officers (16) supporting observations.
- 8 Natural Resource staff are involved with surveying and monitoring impacts to wildlife.

Emergency Management Activity

Local Emergency Proclamations

County/City	Local Emergency		Governor's State of Emergency	CDAA	Fed Assist.
	Proclaimed	Ratified			
Orange County	10/04	-	10/04	Reqst	Reqst

Situation Cell Report

Pipeline P00547 Spill, Southern California Incident Report

Report Date: 10/13/2021

Report Time: 1000

County/City	Local Emergency		Governor's State of Emergency	CDAA	Fed Assist.
	Proclaimed	Ratified			
Huntington Beach	-	10/04	10/04	-	-
Laguna Beach	-	10/05	10/04	-	-
Newport Beach	10/05	-	10/04	-	-

State Activations

Organization	Presence	Level	Hours
Marine Safety Response Corp.	Incident Command Post	-	0700-0700
State	SOC	1	0800-1700 (M-F)
Cal OES Situation Cell	Virtual	Enhanced Watch	0700-0700
State Parks	Department Operations Center	2	0700-1900
Office of Environmental Health Hazards Assessment (OEHA)	Department Operations Center	-	-

Local Emergency Operations Center Activations

Local Government	Level	Hours
San Diego County	3	0800-1800
Carlsbad	3	0800-1700 (M-F)
Orange County	3	0800-1700
Huntington Beach	3	0700-1700, 1900-0700
Laguna Beach	3	0600-1800
Seal Beach	3	0600-1800
Newport Beach	3	0800-1700

Cal OES

- The SOC is activated at Level 1 to support statewide wildfires and pipeline release response.
- A public website about the response is available - www.socalspillresponse.com.
- Elected Officials and Agency Coordination briefings are occurring Mondays, Wednesdays, and Fridays, at 1200 hours and 1000 hours, respectively.
- Orange County was approved for the Cal CAP Program, which encourages financial institutions to make loans available to small business that have difficulty obtaining financing.
- Cal OES Mission Tasking:
 - Mission 2021-LAW-72727, tasked to CHP to provide officers for traffic control at Huntington State Beach and Aliso State Beach.
 - Mission 2021-SOC-72486, Task 60941, tasked Parks to provide 6 observers.
 - Mission 2021-SOC-72691, Task 61088, tasked Parks to provide 5 parking lots at Huntington State Beach for use as staging areas.
 - Mission 2021-SOC-72444, Task 60928, tasked California Volunteers to provide 2 liaison officers to the ICP.

Situation Cell Report

Pipeline P00547 Spill, Southern California Incident Report

Report Date:**10/13/2021****Report Time:****1000**

Cal OES Deployments

Deployment Location	Personnel Count	Position
Incident Command Post	1	Assistant Director – Southern California Response
	2	Assistant Fire Chiefs
	1	Senior Emergency Services Coordinator
	2	Emergency Services Coordinators

Cal EPA

- The Santa Ana Regional Water Board is conducting field assessments to determine environmental impacts and priority locations.
- The San Francisco, Los Angeles, Santa Ana, and San Diego Regional Water Boards along with EMP will have weekly meetings with OEHA, US EPA, and CDPH to develop assessment levels in sediment and water for evaluation of potential clean-up endpoints.
- On 10/11, OEHA began work in the UC's Sediment and Water Quality Analysis Group.
- Cal EPA continues to coordinate with the US EPA, South Coast Air Quality Management District and California Air Resources Board on air monitoring and related safety efforts.
 - Air monitoring and sampling efforts include continuous air monitoring and once daily.
- Cal EPA is working with the Department of Drinking Water to determine at risk drinking water infrastructure and appropriate protective measures.
 - There are no impacts to drinking water systems or desalination units currently.
 - Crews have placed 300 feet of boom at the inlet to the Agua Hedionda Lagoon (Carlsbad) desalination plant.
- OSPR and Cal EPA's Office of Environmental Health Hazard Assessment have closed fisheries along the shoreline and in all bays and harbors from the west jetty of Anaheim Bay to the southern border of the San Onofre Nuclear Power Plant and 18 nautical miles offshore.

California Volunteers (Cal Vol)

- [56 volunteers have completed the virtual 4-hour HAZWOPER training provided by the incident; 348 volunteers have been invited to take the training, to date.](#)
- 3 volunteer deployments being planned for 10/14-16.
 - Tar ball beach clean-up for pre-trained volunteers scheduled for Doheny State Beach, 10/14, 1230 - 1430 hours.
- Cal Vol is finalizing list of NGO opportunities to share with volunteers.
- 1 HAZPOWER training is scheduled for [today](#), 10/13; 260 volunteers were invited.
- Volunteers and donations management information is available [here](#).

CDPH

- CDPH provided one subject matter expert to the PHAU to help review air, water, and sediment sampling and testing. If requested, CDPH will assist in the interpretation of these findings.
- CDPH is working with the Orange County Healthcare Agency and Local Public Health; no assistance has been requested.
 - A hotline is open for general health concerns related to the spill. (714) 834-2000
- The nearest commercial shellfish growing area is in San Diego County (approximately 19 miles away from the southern boundary). The shellfish growing area has not been impacted.
- Monitoring for impacts to commercial shellfish areas: Agua Hedionda Lagoon (Carlsbad).